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Europäisches
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Zweigstelle
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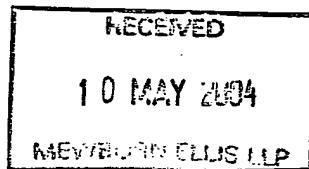
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Zeichen/Ref./Ref. SMW/EP5893557	Anmeldung Nr./Application No./Demande n°./Patent Nr./Patent No./Brevet n°. 99924316.5-2402-US9910957
Anmelder/Applicant/Demandeur/Patentinhaber/Propriétaire/Titulaire DUKE UNIVERSITY, et al	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

abstract title

The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

NONE

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



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SUPPLEMENTARY PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 45 of the European Patent Convention EP 99 92 4316
shall be considered, for the purposes of subsequent
proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)												
Category	Citation of document with indication, where appropriate, of relevant passages														
P, X	MOSER T ET AL: "Angiostatin binds ATP synthase on the surface of human endothelial cells" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, US, vol. 96, no. 6, 16 March 1999 (1999-03-16), pages 2811-2816, XP002121371 ISSN: 0027-8424 * the whole document * ---	1-12, 14-20	A61K38/17 G01N33/68 A61K38/46												
X	SIM ET AL: "A recombinant human angiostatin=protein-inhibits=experimental primary and metastatic cancer" CANCER RESEARCH, AMERICAN ASSOCIATION FOR CANCER RESEARCH, BALTIMORE, MD, US, vol. 57, no. 7, 1 April 1997 (1997-04-01), pages 1329-1334, XP002100107 ISSN: 0008-5472 * abstract * * page 1330, column 1, paragraph 4 * ---	8,9 -/-													
<p>The supplementary search report has been based on the last set of claims valid and available at the start of the search.</p>															
<h3>INCOMPLETE SEARCH</h3> <p>The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims:</p> <p>Claims searched completely :</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search: see sheet C</p>															
<p>3</p> <table border="1"> <tr> <td>Place of search</td> <td>Date of completion of the search</td> <td>Examiner</td> </tr> <tr> <td>MUNICH</td> <td>21 April 2004</td> <td>Bradbrook, D</td> </tr> <tr> <td colspan="3">CATEGORY OF CITED DOCUMENTS</td> </tr> <tr> <td colspan="2"> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document </td> <td> T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document </td> </tr> </table>				Place of search	Date of completion of the search	Examiner	MUNICH	21 April 2004	Bradbrook, D	CATEGORY OF CITED DOCUMENTS			X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document
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<p>EPO FORM 1502 03/82 (PME/C20)</p>															

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SUPPLEMENTARY PARTIAL EUROPEAN SEARCH REPORT

Application Number

EP 99 92 4316

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
T	<p>MOSER TAMMY L ET AL: "Endothelial cell surface F1-FO ATP synthase is active in ATP synthesis and is inhibited by angiostatin" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, vol. 98, no. 12, 5 June 2001 (2001-06-05), pages 6656-6661, XP002277515 June 5, 2001 ISSN: 0027-8424 * the whole document *</p> <p>-----</p>		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
3			

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INCOMPLETE SEARCH SHEET C

Application Number
EP 99 92 4316

Claim(s) searched completely:
1-10,12,14-20

Claim(s) searched incompletely:
11

Claim(s) not searched:
13

Reason for the limitation of the search:

Present claims 11 and 13 relate to the second medical use of a product or compound that is defined by reference to a desirable characteristic or property, namely that it is an antagonist (claim 11) or agonist (claim 13) of angiostatin.

However, in the absence of any indication as to any structural properties required for the compounds to act as antagonists or agonists, said claims are unclear (Art.84 EPC) insofar as there is no limit to the structural variation in the compounds which might act as antagonists or agonists. As such, a meaningful search over the whole of the claimed scope impossible, as it would require knowing the angiostatin (ant)agonistic activity of all known compounds that are already used in medical treatments.

Consequently, the search for claim 11 has been carried out for those parts of the claims which appear to be clear, namely wherein the antagonist is an antibody specific for either angiostatin or alpha-subunit of ATP synthase (e.g. description, Examples 5,6).

No examples of agonists of angiostatin have been identified in the application. Therefore, no search has been carried out for claim 13.